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Abstract of the Disclosure

1 A tandem track system and method provides for safe withdrawal of
2 a tracked vehicle if either of the main tracks becomes separated. The
3 tracked vehicle has a main track longitudinally extending in a closed
4 endless main loop on opposite sides and engaging a separate main drive
5 sprocket assembly, extending under roadwheels to a main drive idler
6 wheel, and back to the main drive-sprocket assembly in the main loop.
7 The tandem drive system has a secondary track engaging each main
8 drive-sprocket assembly and extending forward along the track vehicle
9 from each main drive-sprocket assembly under only an aft-most
10 fractional portion of the roadwheels. The secondary track is
11 configured as a closed endless secondary loop inside of the main loop
12 of each main track whereby each secondary track can transfer rotary
13 power to move the tracked vehicle to safety.

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